

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,575,653 B2  
APPLICATION NO. : 08/421055  
DATED : August 18, 2009  
INVENTOR(S) : Michael A. Johnson

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2

Line 12; delete “nonwoven” and insert -- nonwoven --, therefor.

Column 3

Line 30; delete “the,” and insert -- the --, therefor.

Column 5

Line 9; delete “seat” and insert -- seal --, therefor.

Column 5

Line 21; delete “of en” and insert -- oven --, therefor.

Column 5

Line 38; delete “thermoset,” and insert -- thermoset. --, therefor.

Column 7

Line 45; delete “waxes A” and insert -- waxes. A --, therefor.

Column 9

Lines 27-28; delete “epoxycyclo-hexan(carboxylates,” and insert -- epoxycyclo-hexanecarboxylates, --, therefor.

Column 9

Line 30; delete “methylcylohexane” and insert -- methylcyclohexane --, therefor.

Column 9

Line 44; delete “6 Examples” and insert -- 6. Examples --, therefor.

Column 9

Line 56; after “those” delete “H”.

**CERTIFICATE OF CORRECTION (continued)**  
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Column 10

Line 14; delete “photoinitiator” and insert -- photoinitiators --, therefor.

Column 15

Line 19; delete “Radiation.” and insert -- radiation. --, therefor.

Column 19

Line 16; delete “above,” and insert -- above; --, therefor.

Column 19

Line 23; after “for” delete “20”.

Column 22

Line 63; delete “beating,” and insert -- heating, --, therefor.

Column 24

Line 18; delete “viscous” and insert -- viscous; --, therefor.

Column 24

Line 19; delete “liquified),” and insert -- liquified); --, therefor.

Column 24

Line 21; after “paint” delete “M”.

Column 24

Line 21; delete “cure),” and insert -- cure); --, therefor.

Column 24

Line 22; delete “appearance; ,” and insert -- appearance; --, therefor.

Column 26

Line 9; delete “prototype” and insert -- prototype. --, therefor.

Column 26

Line 12; after “strip” insert -- . --.

**CERTIFICATE OF CORRECTION (continued)**  
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Column 26-27

Lines 50-67 & 1-12; delete "A 50/50 mixture of butyl acrylate and N-vinyl caprolactam was mixed to form a solution. A melt-flowable composition (57.7% acrylate and 42.3% epoxy) was prepared by mixing 75 parts of butyl acrylate, 75 parts of the butylacrylate/N-vinyl caprolactam solution, 50 parts of a butyl methacrylate/methyl methacrylate copolymer (Acryloid<sup>TM</sup>B-60, available from Rohm and Haas, Co.) and 110 parts of a diglycidyl ether oligomer of bisphenol-A (Epont<sup>TM</sup>1001) in a jar on a roller mill until the epoxy and copolymer were in solution. To the solution were added 0.15 part of 2,2-dimethoxy-2-phenyl acetophenone (Irgacure<sup>TM</sup>651, available from Ciba-Geigy), 0.15 part anti-oxidant (Irganox<sup>TM</sup>1010, available from Ciba-Geigy), 1.0 part carbon tetrabromide, 3.86 parts dicyandiamide (DYHARD<sup>TM</sup>100, available from SKW Chemical), 1.38 parts hexakis (imidazole)nickel phthalate, 2 parts glass bubbles (C15-250 Glass Bubbles available from Minnesota Mining and Manufacturing Co), and 7 parts of silica (Cab-o-sil<sup>TM</sup>M-5, available from Cabot Corp.) The composition was mixed with a high shear mixer and then mixed on a roller mill for about 24 hours. The composition was then degassed and knife coated to a thickness of about 2.0 mm between 0.05 mm thick polyester liners which had been silicone coated. The coated composition was then exposed to ultraviolet light sources having 90% of the emissions between 300 and 400 nm with a maximum at 351 nm. The light intensity above the web was 1.88 mW/cm<sup>2</sup> (milliwatts/square centimeter) and 1.29 mW/cm<sup>2</sup> The total energy used was 653.8 millijoules. The resulting melt-flowable tape was substantially tack-free at room temperature (about 21° C)." and insert the same below "follows:" as a new paragraph on Column 26, Line 51.

Column 26

Line 67; delete "Co)," and insert -- Co.), --, therefor.

Column 27

Line 10; delete "W/cm<sup>2</sup>" and insert -- W/cm<sup>2</sup>. --, therefor.

Column 28

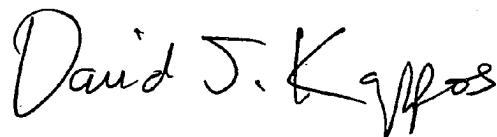
Line 19; delete "mJcm<sup>2</sup>were" and insert -- mJcm<sup>2</sup> were --, therefor.

Column 28

Line 23; delete "(HA)" and insert -- (HMA) --, therefor.

Signed and Sealed this

Second Day of March, 2010



David J. Kappos  
Director of the United States Patent and Trademark Office